



120W FOUNTAIN PUMP

Model 66514

SET UP, OPERATING AND MAINTENANCE INSTRUCTIONS



Distributed exclusively by Harbor Freight Tools®.

3491 Mission Oaks Blvd., Camarillo, CA 93011

Visit our website at: <http://www.harborfreight.com>



**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.**

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For technical questions or replacement parts, please call 1-800-444-3353.

CAUTION

This pump has been evaluated for use with water only.

⚠WARNING

IMPORTANT! For your own safety – before starting to run the pump, please have the following items checked by an expert:

1. Risk of electric shock – This pump is supplied with a grounding conductor and grounding-type attachment plug. To reduce the risk of electric shock, connect only to a properly grounded, grounding-type receptacle.
2. Risk of electric shock – This pump has not been investigated for use in swimming pool areas.
3. The electrical connections must be protected from moisture.
4. If there is danger of flooding, the electrical connections must be taken to higher ground.
5. Circulation of caustic or explosive fluids, as well as the circulation of abrasive materials, must be avoided at all costs.
6. The pump must be protected from frost.
7. The pump must be protected from running dry.
8. Access by children should also be prevented with appropriate measures.
9. **WARNING:** Handling the Power Cord on this product will expose you to lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling. (California Health & Safety Code § 25249.5, et seq.)
10. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Fluid Type

The Pump is designed for use with water with a maximum temperature of 77° F (25°C). Do not use the pump for other fluids, especially not fuels, cleaning fluids, or other chemical products.

SPECIFICATIONS

Flow	15.4 GPM
Maximum Height	8 ft.
Electrical Requirements	120 V~, 60 Hz



UNPACKING

When unpacking, check to make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

INSTALLATION



Read the **ENTIRE IMPORTANT SAFETY INSTRUCTIONS** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

⚠ WARNING

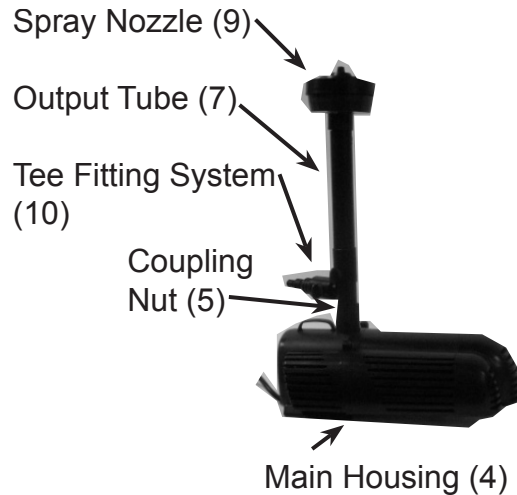
**TO PREVENT
SERIOUS INJURY**

**FROM ACCIDENTAL
OPERATION:**

Unplug the Fountain Pump from its electrical outlet before assembling, inspecting, making any adjustments, or servicing.

Note: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

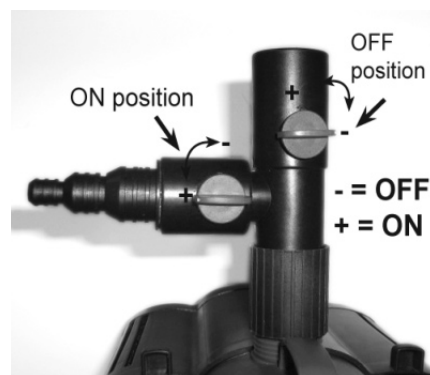
Figure 1



1. Thread the Coupling Nut (5) to the Main Housing (4).
2. Thread the Tee Fitting System (10) to the top of the Coupling Nut (5).

NOTE: There are two ON/OFF Switches on the Tee Fitting System (10). Turning either Switch 90° changes it from OFF to ON, or ON to OFF. (Stamped onto the Fountain Pump parts are PLUS/MINUS symbols showing either open, or closed.) See Figure 2.

Figure 2



3. Thread the Output Tube (7) to the top of the Tee Fitting System (10).
4. Thread the Bell Nozzle (8), the Bubbling Nozzle (6), or the Spray Nozzle

- (9) to the top of the Output Tube (7) depending on what type of water display you desire. See **Figure 1**.
5. The Spray Nozzle (9) is threaded to the top of the Output Tube (7) when needed.

Available Accessories/ Attachments

This Fountain Pump comes with three separate heads for different types of water spray:

- a. Bubbling Nozzle (6) features tiny holes that disperse water in all directions at once.
- b. Bell Nozzle (8) will shoot water straight up to a maximum height of 8 ft.
- c. Spray Nozzle (9) shoots many small streams of water in a tight pattern.
- d. All three spray heads thread onto and off of the top of the Output tube (7) for quick interchanging.

WARNING! Always unplug the Fountain from the power outlet and put on a pair of heavy-duty, insulated rubber gloves, before sticking hands in water to change spray heads or any other handling of the Fountain Pump.

Power Supply

1. The pump is equipped with a grounded plug according to regulations. The pump is designed to be connected to 120 V~, 60 Hz receptacle.
2. Make sure that the receptacle is sufficiently secured and is in excellent condition.

3. When the plug is inserted into the receptacle the pump will be on.

WARNING! If the power cord or plug is damaged, do not use the pump. The power cord or plug may only be repaired by a certified electrician.

Area of use

This pump is designed for use as a fountain pump in an area not used for swimming.

OPERATING INSTRUCTIONS



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

1. After reading these instructions, consider the following points before starting the pump:
 - a. Verify that the pump rests on the floor of the fountain.
 - b. Verify that the electrical connection is 120 V~, 60 Hz.
 - c. Verify that the electrical receptacle is in good condition.
 - d. Verify that water and moisture cannot get near the power supply receptacle.
 - e. Verify that the pump is installed so as to prevent running dry.
2. To prevent tripping, run any extension cord used away from walkways that lead to your location.
4. Place the Fountain Pump on a surface slightly elevated (to prevent collection of excessive mud), and open either or both switches located on the Tee Fitting System (10) by rotating them towards the + symbol.
5. Plug the Fountain Pump into the power outlet. The Fountain Pump will begin operating automatically.
6. When not using the Fountain Pump for a long period of time, unplug the power cord, remove it from the water, rinse with cold, clean, water and let it dry before storing it inside away from children.

MAINTENANCE AND SERVICING



Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠ WARNING

TO PREVENT SERIOUS INJURY

FROM ACCIDENTAL OPERATION OR ELECTRIC SHOCK:

Unplug the Fountain Pump from its electrical outlet before performing any accessory change, inspection, maintenance, and/or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE**, inspect the general condition of the Fountain Pump. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, damaged electrical wiring, and any other condition that may affect its safe operation.
2. **AFTER USE**, clean external surfaces of the appliance with clean, moist cloth.

WARNING! If the supply cord of this appliance is damaged, it must be replaced only by a qualified service technician.

Cleaning the Filter Sponge

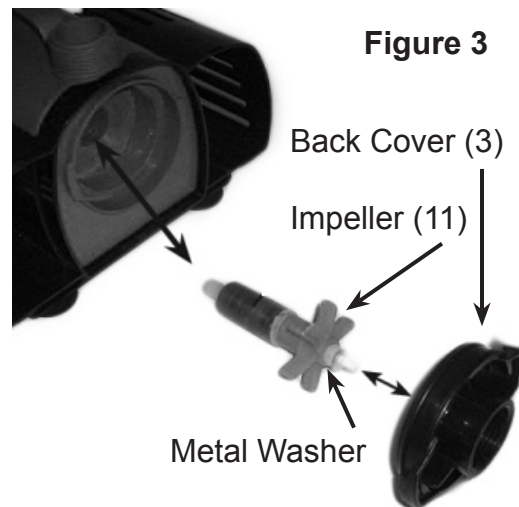
1. Wash the Filter Sponge out regularly, especially if the Fountain Pump power starts to drop.
2. Unplug the Fountain Pump from the power source and wear heavy-duty insulated rubber gloves before putting your hands into the water.
3. Press the sides of the Filter Cover (14) together and pull it off the Main Housing (4). Pull the Filter Sponge out of the Plastic Filter (13) and rinse with cold, clean water. Replace into the Plastic Filter (13) and reassemble the Filter Cover (14).
4. When not using the Fountain Pump, (as in the Winter months), protect and preserve the Filter Sponge by keeping it in a glass jar in water stored near the Fountain Pump for easy location.

Cleaning the Impeller

1. Unscrew the Back Cover (3), (twist it 1/4 turn to left and pull). Remove the Impeller (11). See **Figure 3**.

NOTE: There is a small Metal Washer attached to the rear of the Impeller Shaft. Be careful not to lose it when removing, cleaning, and replacing the Impeller.

2. Flush with lots of lukewarm, clean water to remove built up debris. Use of a small medium stiff toothbrush is helpful.



3. Replace the Impeller (11) as in number 1 of this section using reverse procedure. Check for Metal Washer before replacing the Back Cover (3).

Troubleshooting

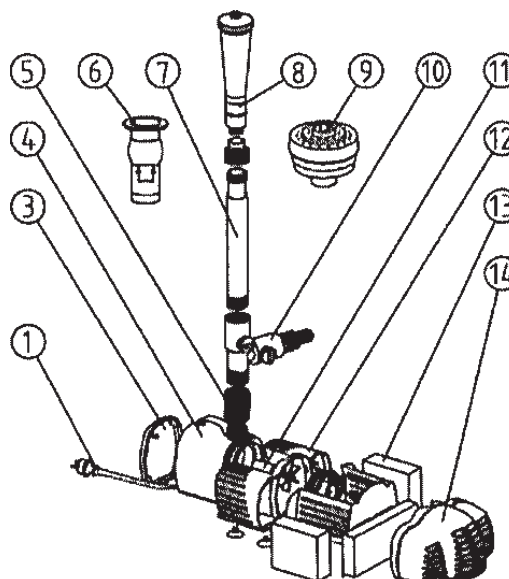
Problem	Possible Causes	Likely Solutions
Fountain Pump will not start	1. No power at outlet. 2. Circuit breaker tripped. 3. Cord not connected.	1. Check power at outlet. 2. Check circuit breaker for outlet. 3. Check that cord is plugged in.
Low flow from Nozzle(s)	1. Possible clogging of Filter Sponge. 2. Possible excess debris lodged in Impeller. 3. Possibly the two Switches located on the Tee Fitting System are only partially ON.	1. Check and clean the Filter Sponge per instructions in Maintenance Section on Page 8. 2. Check and clean debris from Impeller per instructions on Page 8. 3. Check both Switches. Turn both fully towards the symbol of the open bicycle lock.
<div style="display: flex; align-items: center;"> <p>Follow all safety precautions whenever diagnosing or servicing the appliance. Disconnect power supply before service.</p> </div>		

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST AND ASSEMBLY DIAGRAM

Part	Description	Q'ty
1	Power Plug	1
3	Back Cover	1
4	Main Housing	1
5	Coupling Nut	1
6	Bubbling Nozzle	1
7	Output Tube	1
8	Bell Nozzle	1
9	Spray Nozzle	1
10	Tee Fitting System	1
11	Impeller	1
12	Filter Body	1
13	Plastic Filter	1
14	Filter Cover	1



Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

LIMITED 1 YEAR / 90 DAY WARRANTY

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that for a period of ninety days from date of purchase that the engine/motor, the belts (if so equipped), and the blades (if so equipped) are free of defects in materials and workmanship. Harbor Freight Tools also warrants to the original purchaser, for a period of one year from date of purchase, that all other parts and components of the product are free from defects in materials and workmanship (90 days if used by a professional contractor or if used as rental equipment). This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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